

IN THE CLAIMS

Please cancel claim 11.

Please amend Claims 19 and 20 as indicated below.

1-8 (Cancelled)

9. (Previously Presented) A fusion protein produced by a method comprising:
culturing a host cell into which has been introduced a vector comprising the
following operably linked elements:

(a) a transcriptional promoter;

(b) a DNA construct encoding a fusion protein, the DNA construct comprising:
a first DNA segment encoding a polypeptide selected from the group consisting
of:

(i) the amino acid sequence of SEQ ID NO: 2 from residue number 1 (Met) to
residue number 15 (Ala);

(ii) the amino acid sequence of SEQ ID NO:2 from residue number 16 (Arg) to
residue number 219 (Gln); and

at least one other DNA segment encoding an additional polypeptide,
wherein the first and other DNA segments are connected in-frame; and
encode the fusion protein; and

(c) a transcriptional terminator; and

recovering the protein encoded by the DNA segment.

10-11. (Cancelled)

19. (Currently Amended) An isolated polypeptide ~~according to~~
~~claim 11, wherein the polypeptide~~ which consists of a sequence of amino acid residues selected
from the group consisting of:

(a) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 16 (Arg) to amino acid number 37 (Ser);

(b) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 38 (Leu) to amino acid number 126 (Ala);

(c) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 127 (Pro) to amino acid number 219 (Gln);

(d) the amino acid sequence as shown in SEQ ID NO:2 from amino acid number 16 (Arg) to amino acid number 219 (Gln); and

(e) the amino acid sequence as shown in SEQ ID NO:2 from amino acid number 1 (Met) to amino acid number 219 (Gln).

20. (Currently Amended) An isolated polypeptide according to claim 19 [[11]], wherein the polypeptide encoded by the polynucleotide has activity as measured by activation of transcription of a reporter gene, anti-microbial activity, or wherein the polypeptide encoded by the polynucleotide further binds to an antibody,

wherein the antibody is raised to a polypeptide which consists of ~~comprising~~ a sequence of amino acids selected from the group consisting of:

(a) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 16 (Arg) to amino acid number 37 (Ser);

(b) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 38 (Leu) to amino acid number 126 (Ala);

(c) the amino acid sequence as shown in SEQ ID NO: 2 from amino acid number 127 (Pro) to amino acid number 219 (Gln);

(d) the amino acid sequence as shown in SEQ ID NO:2 from amino acid number 16 (Arg) to amino acid number 219 (Gln); and

(e) the amino acid sequence as shown in SEQ ID NO:2 from amino acid number 1 (Met) to amino acid number 219 (Gln); and

wherein the binding of the antibody to the isolated polypeptide is measured by a biological or biochemical assay including radioimmunoassay, radioimmuno-precipitation, Western blot, or enzyme-linked immunosorbent assay.